

**BENEFITS** 

Helps energize skin to fight skin



Helps improve skin elasticity

3

Contributes to managing water balance in skin

Legend

Oxygen

Water

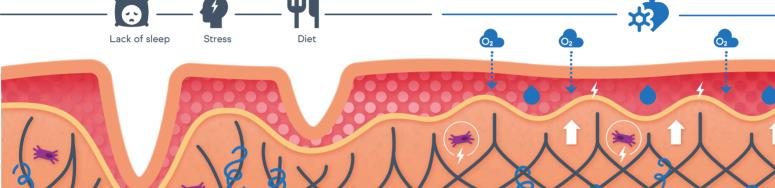
Elastin

Fibroblast

Collagen

Improved skin elasticity

### Lifestyle and stress-related factors



Inositol

**DERMIS STRUCTURE + FUNCTION IMPROVED** Fatigued skin **Energized skin** 

### MODE OF ACTION

Stimulates keratinocyte metabolism

65%1

**COLLAGEN DAMAGE** 



Increased filaggrin expression of keratinocytes by 65%\*

More N.M.F. (Natural Moisturizing Factor) to retain water and rehydrate the epidermis

### Stimulates fibroblast metabolism<sup>1</sup> $\mathbf{1}$



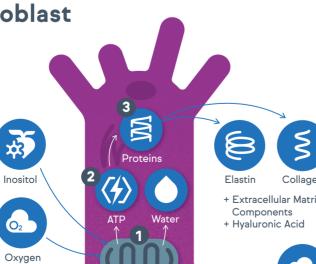
Increased mitochondrial respiration by 22%



Increased protein content by 84%



Increased ATP production by 62%



Mitochondria

# Collagen + Extracellular Matrix

## **CLINICAL BENEFITS**

### Contributes to improved skin elasticity

+10%\* )))|

Rate of elastic recovery to total deformation (Ur/Uf)

+11%\*\* ))((

Net elasticity (Ur/Ue)

-2.2%

Total skin deformation (Uf)

### Contributes to improved skin oxygenation<sup>2</sup>

+10%



Significant effect versus To and versus control cream (Student T test) \* p<0.01; \*\* p<0.05

(1) Augereau, O. et al. (Yves Rocher), Inositol improves energetic metabolism, angiogenesis and inflammation control of skin, IFSCC, Orlando, 2004.
(2) WO 2004075821 Cosmetic use of inositol

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